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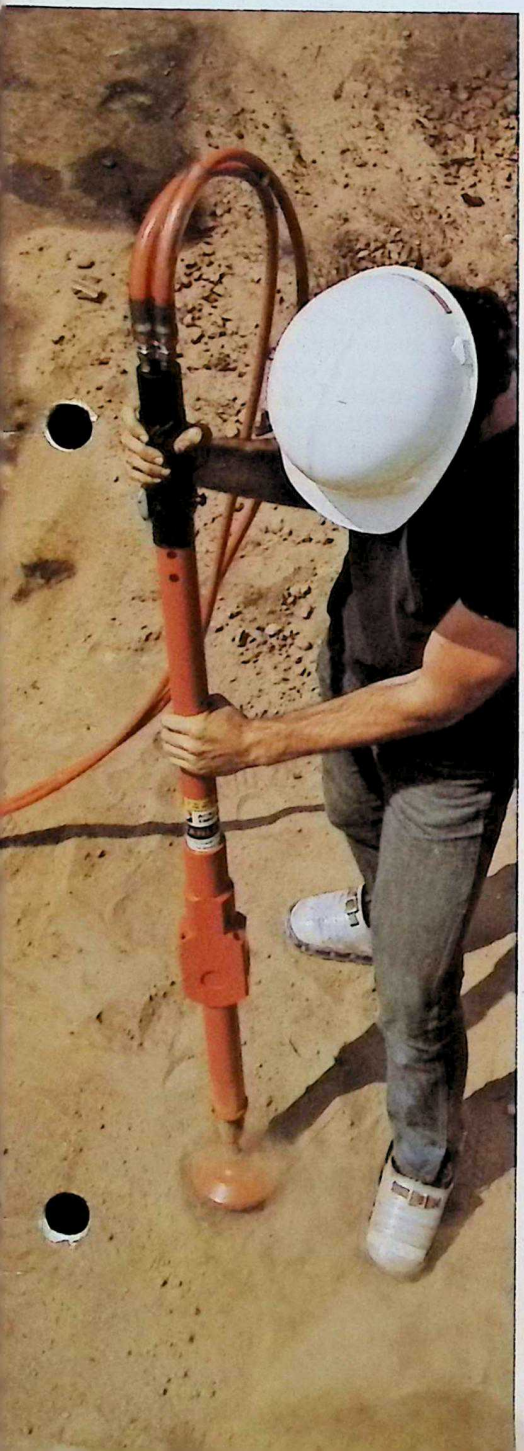
STANLEY®

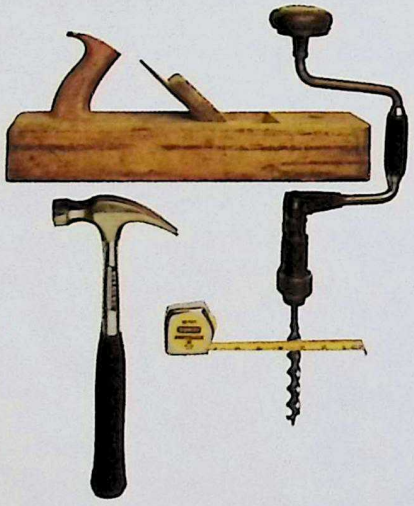
STANLEY HYDRAULIC TOOLS FOR UTILITIES, MUNICIPALITIES, CONSTRUCTION, TREE TRIMMING AND MARINE



Stanley: From Yankee Craftsmen To Space-Age Technology

The Stanley Works is one of the world's most respected names in the manufacture of tools and many other diverse products. Stanley was founded in 1843 when Yankee craftsmanship was the accepted standard and it took a truly high quality product to build a standout reputation. Stanley accepted the challenge and has consistently maintained its position of excellence.

Today, Stanley is probably best known as the preferred brand name in tools and builders' hardware. However, those lines represent only a segment of the company's activities. Stanley manufactures more than 50,000 products in 65 manufacturing



plants throughout the world. It is one of the nation's top producers of steel strapping, strapping tools and strapping systems and was the innovator in the production of cold rolled strip steel. It was a pioneer and leader in the design and manufacture of automatic door opening equipment and today offers a wide selection of automatic doors and electronic garage door openers.

Stanley production is not confined to metals. Forms and modules of pre-stressed concrete are manufactured and marketed, as well as extruded plastic products, partitions, walls and study carrels.

However, it is in tools that Stanley is best known to the public and the construction field. Founded during the rapid developments of the Industrial Revolution, the company established a reputation with the basic hand tools—tape rules, squares, planes, screwdrivers, and hammers. From there, Stanley has progressed through succeeding improvements and developments in tool technology, always maintaining leadership. Today Stanley manufactures the broadest hand tool line in the industry, listing more than 2,000 different kinds of tools. Stanley produces a complete line of portable electric tools for industrial and workshop use and has developed a sophisticated line of air-powered tools. Stanley Hydraulic Tools offers the only complete line of hydraulic tools.

Stanley helps you do things right.

Why Hydraulics?

Stanley hydraulic tools have inherent advantages over gasoline, electric, or pneumatic power tools.

Hydraulics eliminates the need for bulky, expensive air compressors and provides a lighter, more powerful, more efficient power tool system.

You may already own a hydraulic power source, such as a dump truck, backhoe, tractor or aerial device. Hydraulic tool circuits can be easily and inexpensively installed on almost any such vehicle. You may then operate Stanley hydraulic tools from a power source you already own. No compressor required.

Low maintenance and economy of operation are characteristic of hydraulic tools and systems. External dirt and moisture are sealed out of the system and all working parts move in a continuously flowing bath of oil. These two features insure low maintenance costs. Repair inventory is generally limited to inexpensive seals and o-rings.

Hydraulic systems and hydraulic tools have high power to weight ratios. Hydraulic fluid transmits power at approximately 70% efficiency versus 25% for air and produces up to 2000 psi versus 100 psi for most air systems. Hydraulics requires lower horsepower input and thus reduces equipment costs and lowers fuel consumption. Also, operator fatigue is reduced because of reduced tool weight.

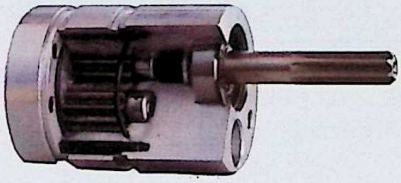
Hydraulic tools are much quieter than air or gasoline tools. The noise and dust created by expanding exhaust air at the tool is eliminated entirely. Costly, inefficient mufflers and air dryers are not required with hydraulics and the danger of whipping air hoses is avoided. Also, hydraulic tools will not freeze up in cold weather.

Stanley Hydraulic Tools offers a full line of hydraulic hand tools for the construction, utility, municipal, tree trimming, marine, mining, and agricultural markets. Distribution, repair, service, and parts availability are world-wide. No need to wait for a tool to be shipped back to the factory for repair. Our local distributor will handle your problem quickly and easily. And our one year warranty guarantees satisfaction. Rotary tools use our patented Hyrevz motor, an efficient high speed gear motor with outstanding performance. The Stanley Hydraulic Tool line is a full line, ranging from saws and wrenches to breakers, tampers and pumps, backed by 130 years of unquestioned Stanley quality.

Performance On The Job The efficiency, power, mobility and quietness of Stanley hydraulic tools must be seen in operation to be believed. Stanley tools are regularly demonstrated from a nationwide fleet of specially equipped trucks that carry the complete Stanley Hydraulic Tool line. Each demonstrator truck utilizes a power-take-off driven hydraulic system and is capable of demonstrating every tool that we manufacture. Your distributor in your area will arrange a tool demonstration for you on the job or at your place of business.

The Hyrevz Motor: A Stanley Exclusive

Only Stanley manufactures the HYREVZ motor, originated by Ackley and fully patented. The HYREVZ develops up to 80% efficiency and operates at pressures up to 2,000 psi. HYREVZ motors are capable of delivering speeds in excess of 20,000 rpm. These speeds are far beyond the



capacity of other "high speed" hydraulic motors with capabilities of 3,000 to 5,000 rpm. This unrivaled performance is due in large part to a patented gear design with precision tooth mesh which avoids trapping hydraulic fluid. HYREVZ motors also have patented seals which provide maximum sealing against the shaft, patented "stepped" shafts for minimum seal wear, and heavy duty double bearings. Because of their small size and light weight, they are ideal for use in hand held tools. HYREVZ motors are manufactured in a number of sizes, from a 1-15/16" diameter motor which develops 4 hp to a 7½ pound, 20 hp model.

Stanley Warranty: Finest In The Country

All tools and parts are backed by the unique Stanley warranty. Every Stanley hydraulic tool is guaranteed against defects due to defective parts and workmanship for one full year. This is four times the standard 90-day warranty. Not only is the warranty period longer, but the tool does not have to be returned to the factory. Our local distributor will repair the tool and have it back in service without delay.

Tool Warranty

Tools and parts are guaranteed against defects in materials and workmanship for a period of 12 months from the date of purchase. (Exception: Cutting parts and parts not produced by Stanley, such as impact mechanisms, alternator and regulator, hose, cutoff attachment. These items hold the warranty of their manufacturer.) This warranty is void if maximum gpm and psi are exceeded. Stanley will replace parts found defective and guaranteed by this warranty. Shipping charges are prepaid by the customer. Stanley reserves the right to replace or repair only those parts which under examination prove to have been defective at time of purchase. There is no other warranty expressed or implied.

Power Unit Warranty

Power unit parts are warranted against defects in materials and workmanship for a period of 90 days from date of purchase, provided Warranty Registration Card has been properly filled out and returned. Stanley reserves the right to replace or repair only those parts which under their examination prove to have been defective at time of purchase. Shipping charges are pre-paid by customer unless otherwise authorized by Stanley. There is no other warranty expressed or implied. Component parts not manufactured by Stanley are subject to original manufacturer's warranty or guarantee if any.

Stanley Hydraulic Demonstrator Trucks

Watch for our Stanley Demo Trucks in your area. Every truck carries the complete line of Stanley Hydraulic Tools. All tools can be demonstrated from the truck hydraulic system.

Drivers page 9

RD35—Rod Driver
Open Center, ¾" capacity "T" Handle

SD35—Spike Driver
Open Center, "T" Handle

PD35—Post Driver
Open Center, "T" Handle
For #2 and #3 Steel Posts

Tampers page 9

Model	System	Foot	Handle	Ordering No.
TA52	open center	Kidney	2′	TA52002
			3′	TA52003
			5′	TA52005
		Round	2′	TA52012
			3′	TA52013
			5′	TA52015
		Rectangular	2′	TA52022
			3′	TA52023
			5′	TA52025
		Square	2′	TA52032
			3′	TA52033
			5′	TA52035
TA52 (Valve in Handle)	open center	Kidney	2′	TA52102
			3′	TA52103
			5′	TA52105
		Round	2′	TA52112
			3′	TA52113
		Rectangular	2′	TA52122
			3′	TA52123
		Square	2′	TA52132
			3′	TA52133

Backfill Tamper page 9

Model	System	Foot	Handle	Ordering No.
TA53 (Valve in Handle)	open center	round	2′	TA53112

Chain Saws page 14

Model	Handle	System	Bar Length	Ordering No.
CS07	pistol grip	open center	12″	CS07110
			15″	CS07120
			18″	CS07130
		closed center	12″	CS07210
			15″	CS07220
			18″	CS07230
CS11	pistol grip	open center	24″	CS11140
			30″	CS11150
			36″	CS11160
			43″	CS11170
		closed center	24″	CS11240
			30″	CS11250
			36″	CS11260
			43″	CS11270
CS11 (Underwater)	pistol grip	open center	24″	CS11340
			30″	CS11350
			36″	CS11360
			43″	CS11370
		closed center	24″	CS11440
			30″	CS11450
			36″	CS11460
			43″	CS11470

Circular Saws page 15

Model	System	Capacity	Handle	Ordering No.
CR22	open center	9″ blade	5′ epoxy	CR22191
		9″ blade	5′ aluminum	CR22195
	closed center	9″ blade	5′ epoxy	CR22291
		9″ blade	5′ aluminum	CR22295
CR25	open center	6″ blade	5′ aluminum	CR25165
	closed center	6″ blade	5′ aluminum	CR25265

Intensa-Press page 18

Model	System	Capacity	Ordering No.
IP10	open ctr.	12000 psi	IP10110
	closed ctr.	12000 psi	IP10210

Impact Wrenches page 10-11

Model	System	Capacity	Ordering No.
IW04	open center	7/16″ QC	IW04110
		½″ Sq.	IW04120
	closed center	7/16″ QC	IW04210
		½″ Sq.	IW04220
IW05	open center	7/16″ QC	IW05110
		½″ Sq.	IW05120
	closed center	7/16″ QC	IW05210
		½″ Sq.	IW05220
IW06	open center	5/8″ QC	IW06130
		¾″ Sq.	IW06140
	closed center	5/8″ QC	IW06230
		¾″ Sq.	IW06240
IW06 (Underwater)	open center	5/8″ QC	IW06330
		¾″ Sq.	IW06340
	closed center	5/8″ QC	IW06430
		¾″ Sq.	IW06440
IW13	open center	¾″ Sq.	IW13140
	closed center	¾″ Sq.	IW13240
IW13 (Underwater)	open center	¾″ Sq.	IW13340
	closed center	¾″ Sq.	IW13440
IW22	open center	1″ Sq.	IW22150
	closed center	1″ Sq.	IW22250
IW22 (Underwater)	open center	1″ Sq.	IW22350
	closed center	1″ Sq.	IW22450
IW23	open center	1½″ Sq.	IW23160
	closed center	1½″ Sq.	IW23260
IW23 (Underwater)	open center	1½″ Sq.	IW23360
	closed center	1½″ Sq.	IW23460
IW32	open center	2½″ Sq.	IW32170
	closed center	2½″ Sq.	IW32270
IW32 (Underwater)	open center	2½″ Sq.	IW32370
	closed center	2½″ Sq.	IW32470

Chipping Hammer page 8

Model	System	Capacity	Handle	Ordering No.
CH18	open center	2½″ shank x .580 hex	"D"	CH18111
CH18	closed center		"D"	CH18211
CH18 (Underwater)	open center	2½″ shank x .580 hex	"D"	CH18311
CH18 (Underwater)	closed center		"D"	CH18411

Pruners page 15

Model	System	Capacity	Handle	Ordering No.
PR25	open center	2″ cut	5′ epoxy	**PR25121**
		2″ cut	5′ aluminum	**PR25125**
PR27 Swivel	open center	1¾″ cut	3′ aluminum	**PR27113**
			4′ aluminum	**PR27114**
			5′ aluminum	**PR27115**
	closed center	1¾″ cut	3′ aluminum	**PR27213**
			4′ aluminum	**PR27214**
			5′ aluminum	**PR27215**
PR28	closed center	2″ cut	5′ epoxy	**PR28221**
		2″ cut	5′ aluminum	**PR28225**

Submersible Pumps page 16-17

Model	System	Capacity	Discharge	Ordering No.
SM21		300 gpm	2½″	**SM21511**
SM22		450 gpm	2½″	**SM22501**
SM23		375 gpm	2½″	**SM23511**

WEED EATER* Trimmer page 15

Model	System	Capacity	Handle	Ordering No.
WE22	open center	"Weedy" head	5′ aluminum	**WE22305**

Hammer Drill page 9

Model	System	Capacity	Handle	Ordering No.
HD20	open center	No. 736 Skil Carbide-Tip Drill Bits	"D"	**HD20101**
HD20	closed center		"D"	**HD20201**
HD20 (Underwater)	open center		"D"	**HD20301**
HD20 (Underwater)	closed center		"D"	**HD20401**

Ventilating Fan page 17

Model	System	Capacity	Ordering No.
VF75	no valve	750 cfm	**VF75010**

Pavement Breakers page 6-7

Model	System	Capacity	Handle	Ordering No.
BR35	open center	⅞″ hex foot	T Handle	**BR35110**
BR65	open center	1⅛″ hex foot	T Handle	**BR65120**
		1¼″ hex foot	T Handle	**BR65130**
BR85	open center	1⅛″ hex foot	T Handle	**BR85120**
		1¼″ hex foot	T Handle	**BR85130**
	closed center	1⅛″ hex foot	T Handle	**BR85220**
		1¼″ hex foot	T Handle	**BR85230**

Grinders page 12

Model	System	Capacity	Drive	Ordering No.
GR24	open ctr.	9″ wheel	⅝″—11 THD	**GR24101**
	closed ctr.	9″ wheel	⅝″—11 THD	**GR24201**
GR24 (Underwater)	open ctr.	9″ wheel	⅝″—11 THD	**GR24301**
	closed ctr.	9″ wheel	⅝″—11 THD	**GR24401**

Cut Off Units page 13

Model	System	Capacity	Arbor	Ordering No.
CO08	open center	12″	1″	**CO08121**
		14″	1″	**CO08141**
	closed center	12″	1″	**CO08221**
		14″	1″	**CO08241**
CO08 (Underwater)	open center	12″	1″	**CO08321**
		14″	1″	**CO08341**
	closed center	12″	1″	**CO08421**
		14″	1″	**CO08441**
CO23	open center	14″	1″	**CO23141**
	closed center	14″	1″	**CO23241**
CO23 (Underwater)	open center	10″	1″	**CO23341**
	closed center	10″	1″	**CO23441**
CO24 (Underwater)	open	14″	1″	**CO24341**
	closed	14″	1″	**CO24441**

Digger page 8

Model	System	Capacity	Handle	Ordering No.
DR19	open center	⅞″ hex	"D"	**DR19111**
DR19	closed center	⅞″ hex	"D"	**DR19211**

Pole Chain Saws page 15

Model	Handle	System	Bar Length	Ordering No.
CS23	5′ Epoxy	open center	12″	**CS23111**
			15″	**CS23121**
			18″	**CS23131**
		closed center	12″	**CS23211**
			15″	**CS23221**
			18″	**CS23231**
	5′ Aluminum	open center	12″	**CS23115**
			15″	**CS23125**
			18″	**CS23135**
		closed center	12″	**CS23215**
			15″	**CS23225**
			18″	**CS23235**

Alternators page 17

Model	System	Capacity	Meters	Ordering No.
AL25		2000 w.	regulator & cycle meter	**AL25012**
AL30		3000 w.	regulator & cycle meter	**AL30022**

Hydraulic Pavement Breakers

Quiet hydraulic power easily breaks concrete, cuts asphalt and frozen ground, drives signposts. All without noisy, costly air compressors. Three popular, powerful sizes.

BR35 (35 pound class) 1,600 impacts per minute maximum. Powerful, efficient, lightweight. Ideal for cutting clay and asphalt, breaking curbs and sidewalks. Light weight means less operator fatigue. Extremely quiet operation. Only two moving parts.

- 35 pounds
- Operates at 5-6 gpm, up to 2,000 psi
- 7/8" hex x 3¼" shank steel
- No accumulators or springs

Stanley Breakers Adapt To Many Applications

Breakers accept U.S. standard hex steels: 7/8", 1 1/8", 1¼". Can be used with moil points, chisels, spades, post drivers and other standard gad configurations.

BR65 (65 pound class) 1500 blows per minute maximum.

A heavier tool for medium breaking jobs such as city streets or around telephone poles. Excellent asphalt cutter. Sound levels meet most local codes. Piston type accumulator reduces shock and pulsation. Feathering trigger offers positive control and easy operation.

- 70 pounds
- Operates at 7-9 gpm, 1000-2000 psi
- Accepts 1⅛" hex x 6" shank or 1¼" hex x 6" shank, steel
- Rugged piston type accumulator
- Insulated handles

BR85 (85 pound class) 1300 blows per minute maximum.

Heavy duty BR85 breaker for toughest jobs. Favorite for highway work, heavy concrete. Outperforms heavy duty air breakers. No freeze-up in winter. Removable piston type accumulator is chargeable out of breaker body. Smooth operation helps lessen operator fatigue.

- 85 pounds
- Operates at 7-9 gpm, 1000-2000 psi
- Accepts 1⅛" hex x 6" shank or 1¼" hex x 6" shank, steel
- Removable piston type accumulator
- Insulated handles

Tampers, Hammer Drill, Chipper, Digger, Driver.

The original Ackley hydraulic tamper set an industry standard that has yet to be matched. Only two moving parts, low maintenance, and extreme reliability. Tampers are available in several lengths and shoe configurations, with or without control valves. The standard TA52 pole-tamping model is shown in the illustration at right. The TA53 "short stroke" tamper is available for backfill applications. The backfill model operates at nearly 2300 blows per minute and features unusually smooth operation while offering very high compaction.

The Stanley HD20 Hammer Drill is an ideal tool for gas and water companies. It drills ½" to 2" diameter holes up to 29" deep, and can core drill 1½" to 6" diameter holes up to 16" deep, and is excellent for probe holes. The HD20 weighs only 28 pounds and accepts standard carbide-tipped fluted bits.

The CH18 Chipping Hammer and the DR19 Digger weigh only 24 pounds each and employ similar low maintenance, high performance designs.

The hammer drill and chipper are offered in sealed models for underwater use. Their compact size, light weight, and power offer divers tools unmatched by air or hydraulic competition.

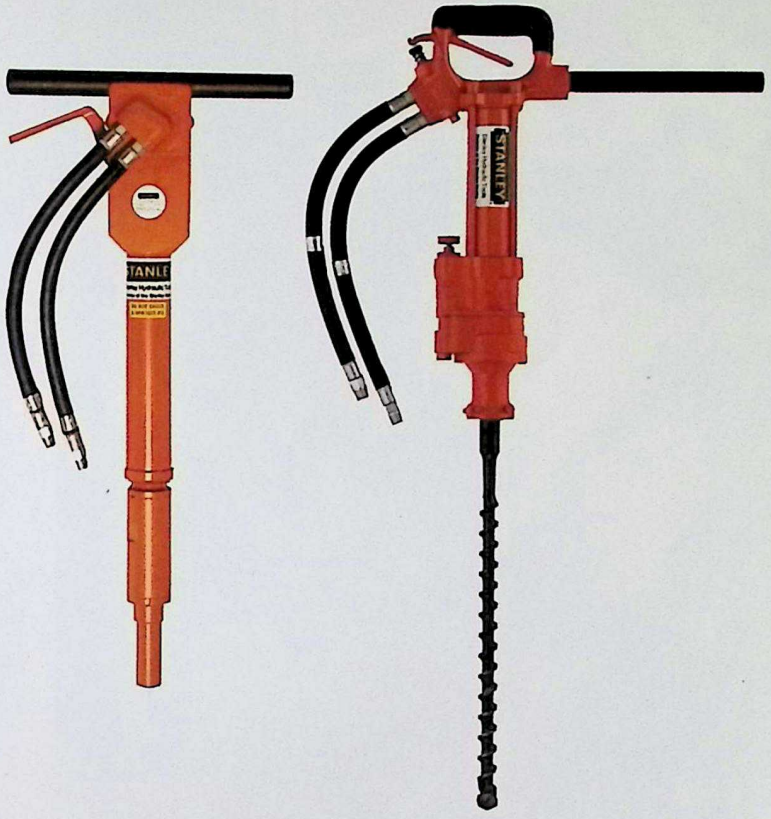
The Stanley CH18 Chipping Hammer and DR19 Digger are shown below. Both tools operate at over 2000 blows per minute.

CH18 Chipper

- 24 lbs.
- 5-7 gpm, 1500-2000 psi
- 2000 bpm
- Accepts .580 hex round collar steel

DR19 Digger

- 24 lbs.
- 5-7 gpm, 1500-2000 psi
- 2000 bpm
- Accepts ⅞" hex x 3¼" shank steel



TA52
Tampers

Rugged and reliable with fingertip control. TA521 models feature valve-in-handle. Lightweight, only two moving parts, low maintenance, fully patented. Available in three handle lengths and four shoe configurations. Ground rod driver accessory enables operator to easily drive ground rods after tamping pole.

- 25 pounds
- Operates at 3-9 gpm, 1000-2000 psi
- Full 2½″ stroke
- 1600 blows per minute

TA53
Backfill Tamper

Designed particularly for backfill tamping of trenches, ditches, etc. Short stroke and high blows per minute (2300 bpm) insure maximum compaction and smooth operation. 6″ round shoe is standard.

- 25 pounds
- Operates at 3-9 gpm, 1000-2000 psi
- 1½″ stroke
- 2300 blows per minute

RD35
Driver

Drives ground rod quickly in toughest conditions. Same power as light duty breaker. Fingertip control in handle. Also available in PD35 steel sign post driver for #2 and #3 sign posts, and SD35 spike driver.

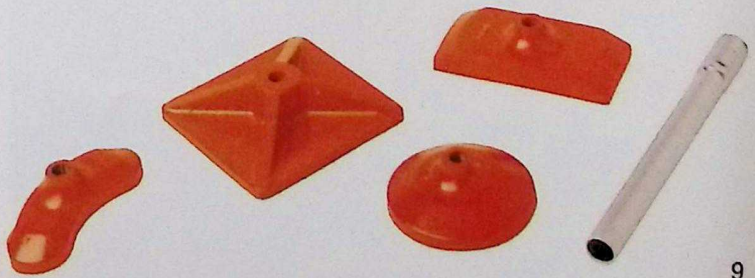
- 27 lbs.
- operates at 5-6 gpm; 1000-2000 psi
- 1600 blows per minute

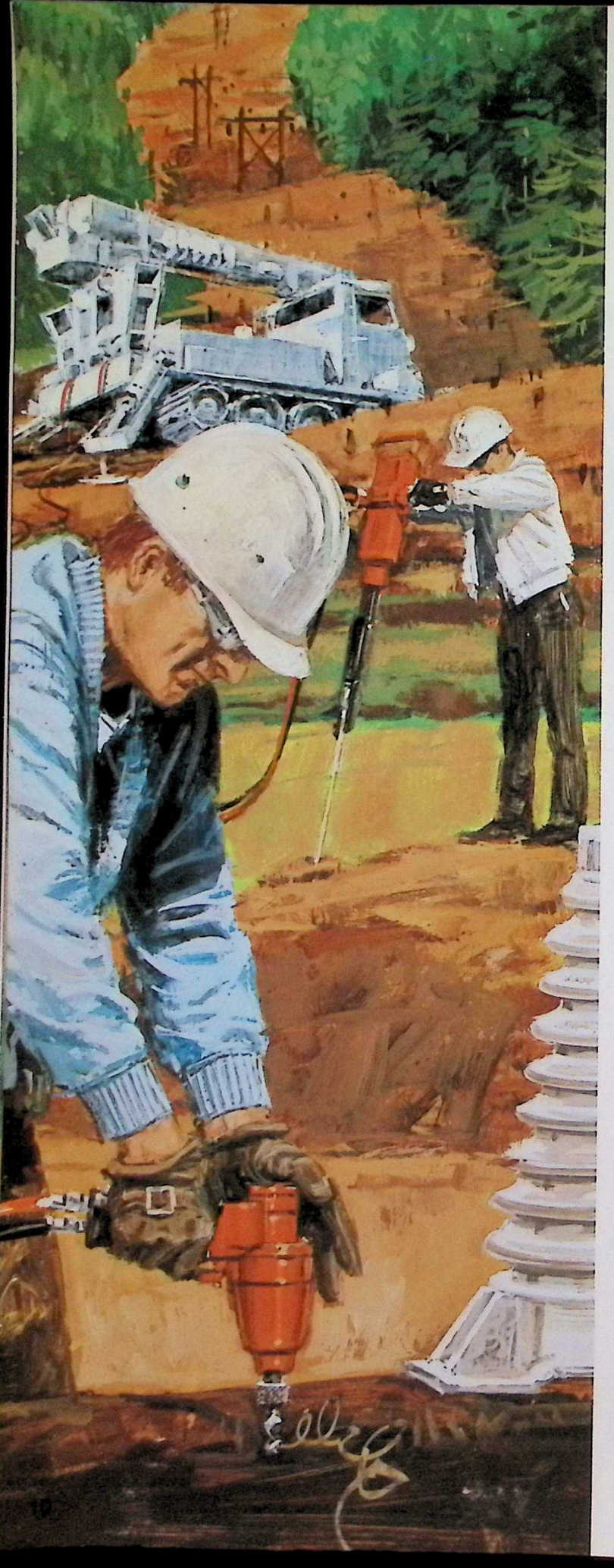
HD20
Hammer Drill

Ideal for gas and water company test holes. Operates at over 2000 blows per minute, adjustable bit rotation speed. Uses standard carbide-tipped fluted drills.

- 28 lbs.
- 5-7 gpm, 1500-2000 psi
- 2000 bpm
- Accepts No. 736 Skil carbide tip drill bits

Tamper Shoes, Ground Rod Driver Four options available: Kidney-shaped, 8″ x 8″ square, 4″ x 8″ rectangular, 6″ round. Kidney shoe is standard on pole tamper models, round shoe is standard on backfill models. Easy to remove and change shoes and ground rod driver.





Dependable Power... In or Out Of The Water ...with Stanley Impact Wrenches and Drills

Years of field use have proven it . . . Stanley hydraulic impact wrenches and drills deliver powerful, dependable, versatile performance on any tightening or drilling job. Stanley manufactures a wrench to fit every need, from the economy ½" drive to the giant 2½" drive. Stanley impact wrenches are powered by our patented Hyrevz motor which delivers unusually high horsepower and rpm. The compact design of the Hyrevz motor allows high torque outputs from small, lightweight wrenches. Quick-change hex drives or square drives are offered. The tools are operable from portable power units or mobile equipment, with open or closed center systems, and in wide gpm and psi ranges. Fingertip speed control and instantaneous reverse. Fully-sealed models for underwater use offer no torque back to the diver and no air bubbles to cloud vision. Impact tools use a "ball and cam" mechanism which withstands the most rugged usage. A planetary gear reduction system off the Hyrevz motor gives fast and positive tightening on all jobs. Power-for-size, these Stanley tools are lighter in weight than air wrenches for easier operation with less fatigue.

Cool in use, too. Insulated handles protect operator's hands no matter how hot the hydraulic fluid becomes. No need for insulating gloves. The handle insulation is tough, resists oil and provides a positive nonslip grip. Like all Stanley hydraulic powered tools, these impact wrenches and drills are noted for their trouble-free performance and low maintenance requirements. Fully covered by Stanley one year warranty.

	IW04/IW05
Weight	5 lbs.
Drive	½" sq. 7/16" hex Q.C.
Rated Bolt Capacity	5/8"
Chuck RPM	1000 rpm @ 8 gpm
Impacts/Rev	2
Impacts/Min	2000 ipm @ 8 gpm
Flow Range	3-4 gpm/7-9 gpm

Lightweight aluminum housing is built to take toughest usage. Durable, easy to maintain. Lifting ring standard.

Electroless—nickel plated forward/reverse spools for smooth, rapid no-bind reversing. No power lag or tool stoppage when reversing. Spool detent to eliminate accidental direction changes.

Choice of drive options available: quick change hex or square drive.

Fully insulated grip handle protects against heat from hydraulic fluid. No need to wear gloves. Permits positive, comfortable control.

Rugged impact mechanism delivers powerful rotary blows. Operator fatigue is lessened because of tool's exceptional balance and design, with no torque transmission back to operator.

New on/off spool offers option of open center-closed center conversion by simple spool change. Stronger trigger with grips for better control. Easy action on trigger mechanism for instant power response.

IW06

10 lbs.

¾" sq.
⅝" hex Q.C.

⅝"-¾"

[illegible]0 rpm @
[illegible]gpm

2

1900 ipm @
5 gpm

3-5 gpm

IW13

13 lbs.

¾" sq.

¾"-1"

1050 rpm @
5 gpm

2

2100 ipm @
5 gpm

3-5 gpm (o.c.)
3 gpm (c.c.)

IW22

26 lbs.

1" sq.

¾"-1¼"

660 rpm @
8 gpm

2

1320 ipm @
8 gpm

7-9 gpm

IW23

80 lbs.

1½" sq.

1½"-2"

565 rpm @
16 gpm

2

1130 ipm @
16 gpm

10-16 gpm

IW32

110 lbs.

2½" sq.

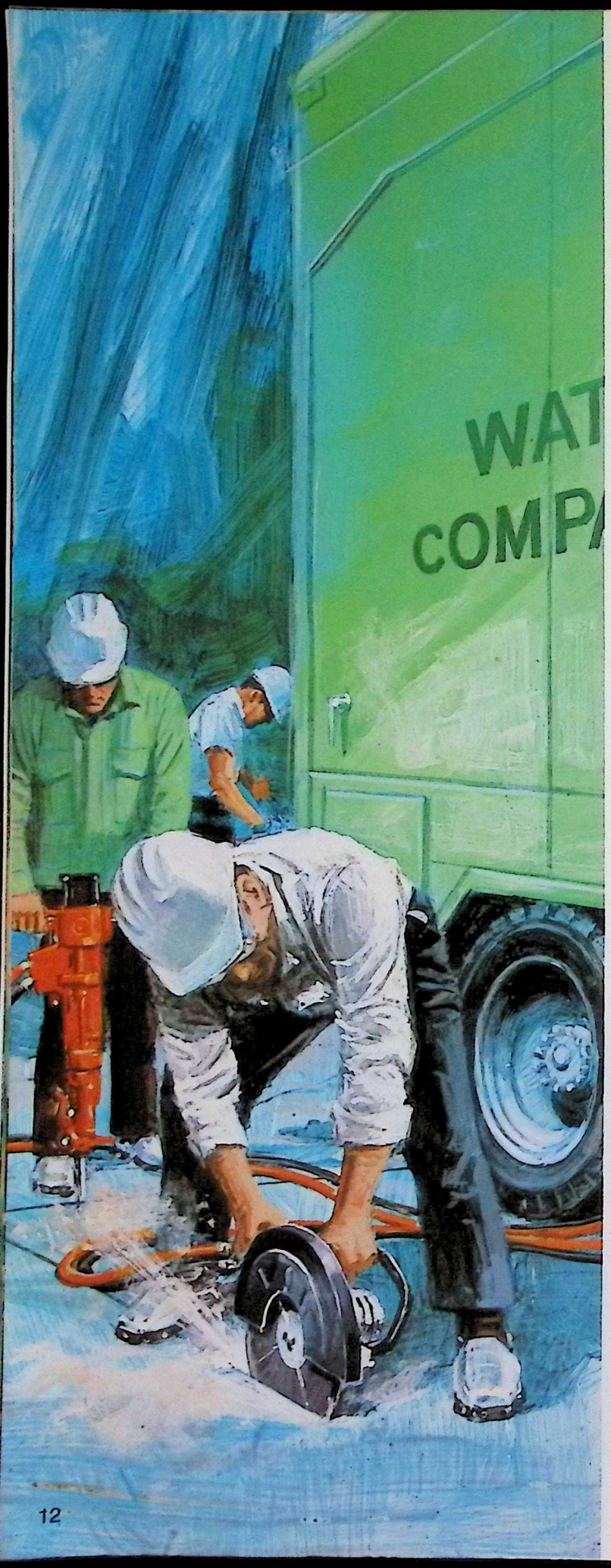
2"-3"

480 rpm @
14 gpm

2

960 ipm @
14 gpm

10-16 gpm



Stanley Grinders, Cutoff Wheels, Brushes...Powerful, Portable, Lightweight...

GR24 Grinder—Open or closed center systems. The 5/8-11 thread output shaft accepts standard 7″ or 9″ grinding wheels, wire brushes, or nylon brushes. Powerful grinder for surface work, ideal for divers.

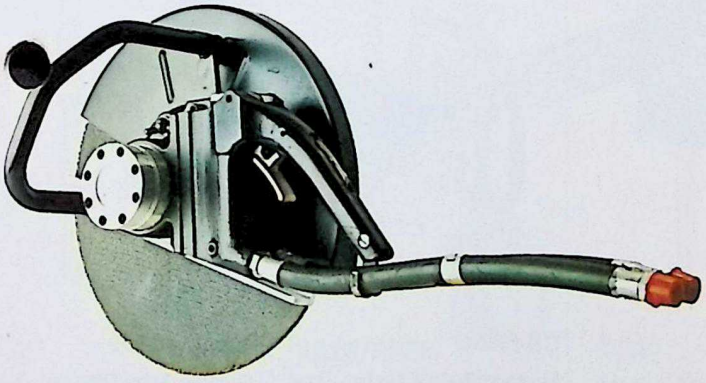
- 11 pounds
- Operates at 7-9 gpm, 1000-2000 psi
- 6500 rpm max above water
- 4000 rpm max sealed model
- Insulated handle

Hydraulic powered grinders, brushes and cutoff wheels by Stanley offer amazing power and ease of handling with compact, lightweight HYREVZ hydraulic motors. The GR24 grinder is the most powerful portable tool of its kind available. Speeds of 5000 to 6500 rpm available depending on gpm delivered to the tool. Weighs only 11 pounds, goes anywhere. All tools offer fingertip control, insulated handle. Models available for open or closed center hydraulic systems. Sealed models available for underwater use. Grinder accommodates 7″ or 9″ wheel on 5/8-11 thread shaft. May be used with wire brush, cutoff wheel and other attachments. Dust and debris won't cut motor life as on gas powered units, due to sealed design of HYREVZ motor.

Cutoff wheels give quiet, positive cutting power in a wide variety of materials, including stone, steels, aluminum, masonry, sheet metal, many others. Adjustable wheel guard for added safety.

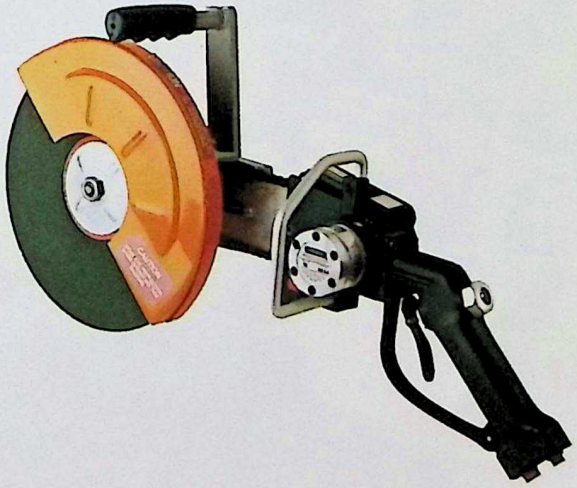
All tools have built-in advantages of Stanley hydraulic drive, including Stanley warranty, low maintenance costs and trouble-free service.

Powerful Stanley GR24 grinder on the job. Tool operates at 5000 to 6500 rpm with 7″ or 9″ grinding wheel.



CO23 Vertical Cut-Off Wheel—Compact, powerful, easy to handle. Direct drive from 10 hp Hyrevz motor offers power for cutting concrete, asphalt, railroad track, guardrail, etc. Water attachment available. Most powerful hydraulic cutoff unit available.

- 19 pounds
- Operates at 7-9 gpm, 1000-2000 psi
- Open center or closed center
- 14″ cutoff wheel
- Adjustable wheel guard
- 4000 rpm max
- Sealed model for underwater use



CO08 Cut-Off Wheel—CO08 offers powerful, quiet cutting in a variety of material including stone, steel, masonry, sheet metal, etc. Chain drive is automatically lubricated with hydraulic fluid by an adjustable oiler. This model is powered by an 8 hp Hyrevz motor.

- 16 pounds
- Operates at 7-9 gpm, 1000-2000 psi
- 4000 rpm wheel speed
- Adjustable wheel guard
- Sealed model for underwater use.
- 12″ or 14″ wheels

Tree Tools

From Lightweight Orchard Tools to Heavy Duty Models for Utilities and Commercial Use. Powerful CS11 Heavy Duty Chain Saw with Bar Length to 43″. Lightweight PR27 Agricultural Pruner or PR25/PR28 Industrial Pruner. Pole Chain Saws, Heavy Duty and Agricultural Model Circular Saws, WEED EATER* Trimmer.

CS07

CS11

CS11

Heavy Duty Chain Saw

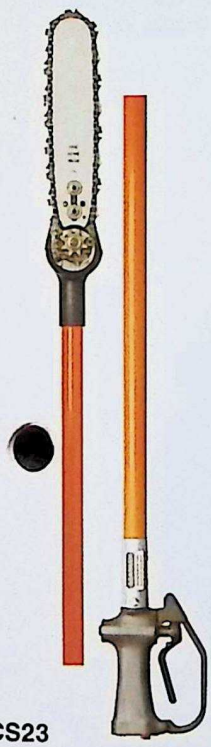
- Powerful 14 hp Hyrevz motor drives bar lengths up to 43″
- Automatic chain oiler plus manual oiler for heavy duty jobs
- Fingertip speed control, no chain coasting
- Operates at 10-14 gpm, 1000-2000 psi
- 14 pounds
- 24″, 30″, 36″, 43″ bar lengths

CS07

Pistol Grip Chain Saw

- Lightweight, only
- 8 lbs. with 15″ bar
- Perfect balance, easy to handle
- Automatic lubrication increases chain life
- Fingertip speed control and no chain coasting
- Insulated handle
- Bucking spur
- 12″, 15″, 18″ bar lengths
- Powerful Hyrevz motor operates 7-9 gpm, 1000-2000 psi

Stanley's high powered line of tree tools is designed with every need in mind. Indispensable aids to the orchardist, farmer, landscaper, gardener . . . necessities for utilities, government agencies, commercial concerns. Tools to take care of every type of clearing job from tree trimming to brush removal. Hydraulic power tools work anywhere. The power source can be your tractor, orchard lift or aerial truck hydraulic system. Patented HYREVZ motor gives high speed performance with lightweight, quiet operation and low maintenance. All tools available for use on open or closed center hydraulic systems. Choice of pole material on pole tools: lightweight aluminum or insulated epoxy for work near power lines. Heat resistant plastisol dipped handles insulate against hottest hydraulic fluid. All tools designed with safety trigger/guard handles. WE22 hydraulic WEED EATER* Trimmer available for trimming along chain link fences, guardrails, and trees. Utilizes a special WEED EATER* head.



CS23

Pole Chain Saw

- Same powerful Hyrevz motor as the CS07
- Lightweight aluminum pole or insulated epoxy pole for work around power lines
- 7′ 2″ overall length for hard to reach places
- Operates at 7-9 gpm, 1000-2000 psi
- 9 pounds (aluminum model) pounds (epoxy model)
- Insulated handle

PR25/PR28

Industrial Type Tree Pruners

- 2″ plus cutting capacity with full power on both cutting and release strokes
- 7′ 2″ overall length
- Lightweight aluminum or insulated epoxy pole
- PR25 for use with open center systems (1000-2000 psi)
- PR28 for use with closed center, lower pressure systems (1000-1500 psi)
- Operates at 3-9 gpm
- Insulated handle

CR22

Heavy Duty Circular Saw

- Utilizes lightweight, powerful Hyrevz motor
- Insulated epoxy or lightweight aluminum poles
- Angled head allows natural work position
- 9″ blade standard
- 8 lbs. (Aluminum) 8 lbs. (Epoxy)

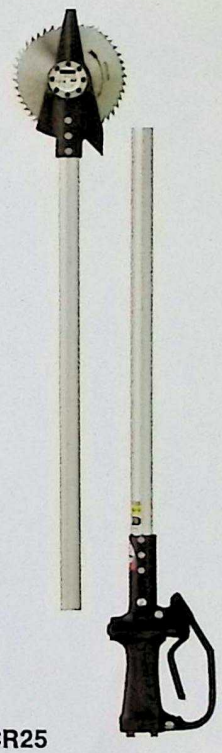
WE22 WEED EATER* Trimmer

- Revolutionary Hydraulic Nylon line vegetation trimmer available for work around trees, fences, guardrails
- Operates at 7-9 gpm, 1000-2000 psi

PR27

Agricultural Type Power Pruner

- 1¾″ cutting capacity
- Lightweight, versatile
- PR27 features 360° swivel handle
- Full power on both cut and retract strokes
- PR27 overall lengths 3′, 4′, 5′
- Operates at 3-5 gpm, 1000-2000 psi



CR25

Agricultural Type Long Reach Circular Saw

- Straight line design for fast, clean cutting
- Lightweight, easy to handle, perfect balance
- No vibration with high speed Hyrevz motor
- Operates at 3-5 gpm, 1000-2000 psi
- Overall length 5′
- 5 pounds

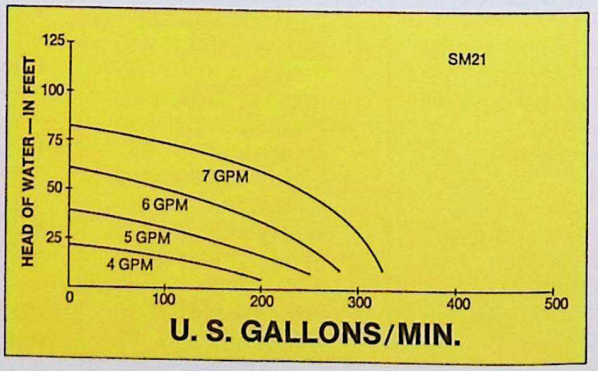
*WEED EATER is the Registered Trademark of Weed Eater, Inc.

Stanley Pumps... Hydraulic Pumping Power.

Stanley hydraulic submersible pumps offer unrivaled pumping power with smooth, quiet operation.

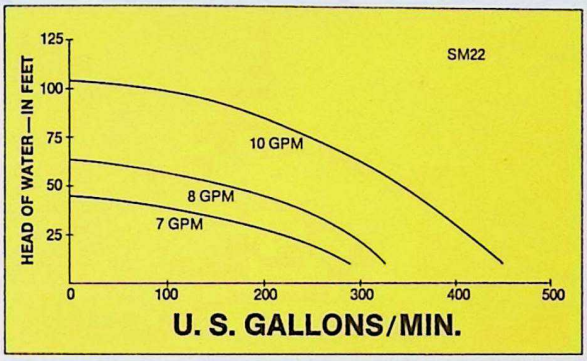
Three models to choose from, one will fit your application. Output capabilities to nearly 500 GPM. All models employ rugged gear type motors, automatic pressurized self lubrication. Simple operation, self priming, no damage when run dry. Minimum maintenance required. Pumps may be operated from hydraulic systems on fire or dump trucks, backhoes, cranes, aerial lifts and ladders, mobile utility line equipment, or other suitable hydraulic systems.

SM21
Caisson Pump
Weighs only 20 pounds, 6¼" diameter, fits into those "inaccessible" spots. Passes ⅜" solids, over 300 GPM output at 10' head, 85' maximum head. Operates at 7-9 GPM, 1000-2000 psi. Utilizes mixed flow type impeller which offers excellent resistance to abrasive fluids. Standard 2½" discharge.



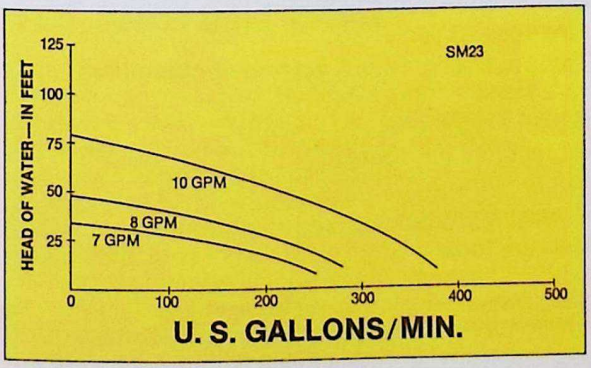
SM22
Dewatering Pump

High volume pump, nearly 500 GPM output at 10′ head, 110′ head maximum. Only 30 pounds. Operates at 4-10 GPM, up to 2000 psi. Fits into 9½″ x 11¾″ hole. 7 inch strainer fits into 8 inch sump holes. Capable of passing ⅜″ solids. Runs dry without damage. Standard 2½″ discharge. Best pump for applications requiring extremely high GPM outputs or high heads.



SM23
Manhole & Vault Pump

Lower volume, lightweight model of SM22. Weighs 22 pounds, pumps 375 GPM at 10′ head, 75′ maximum head, 7 inch strainer fits into 8 inch sump holes. Capable of passing ⅜″ solids. Operates at 4-10 GPM.

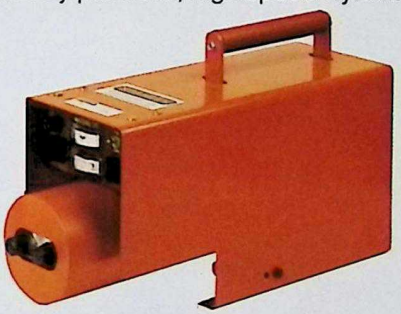


Alternator and Ventilating Fan

Two 120 Volt AC Alternators for Quick Power
Fan for OSHA Ventilation Requirements

Lightweight, compact, easily moved alternators available in two models.

- AL25 2000-watt model operates at 60 cycles, 120 volts, at 8 gpm
- At 10 gpm and 70 cycles AL25 model puts out 2500 watts
- The AL30 alternator operates at 60 cycles, 120 volts, 12 gpm, and 3000 watts
- Quiet operation, 73 dBA @ one meter
- Self excited
- Reliable solid state voltage regulator and cycle meter
- Noise limiting motor shroud
- Small size saves valuable space on utility trucks
- Driven by patented, high speed Hyrevz motor



VF75 Hydraulic Ventilating Fan. For ventilating manholes and vaults to meet OSHA requirements.

- Lightweight, only 8 pounds
- Operates at 6-12 gpm, 1000-2000 psi
- 750 cfm output through 8″ hose with two 90° bends
- Speed at optimum flow 4000 rpm
- Rated at 11,000 rpm
- Small size: 12.5″ long by 11.75″ high
- Rugged, impact resistant polypropylene housing
- Can be operated by truck's hydraulic system
- Powered by reliable HYREVZ motor
- Accepts standard heater or cooler
- Hydraulic power eliminates danger of gas ignition or toxic gas fumes
- No danger from shock or shorts in wet conditions
- Certified performance data available

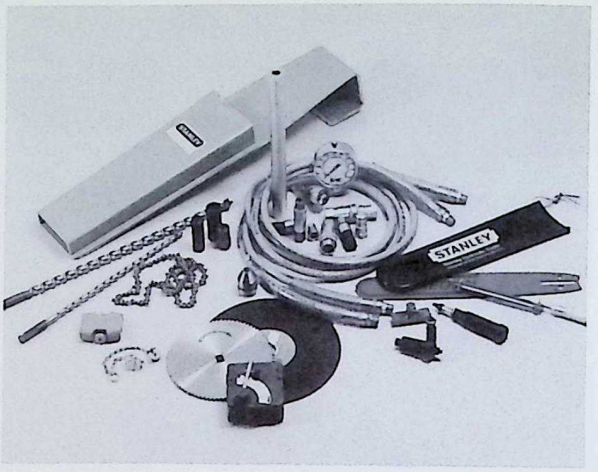
Intensa-Press Produces Hydraulic Power Boost For Crimping, Cutting

Stanley hydraulic Intensa-Press boosts pressure up to 10 times for tough cutting, crimping and punching jobs. Normal 1,200 psi input is intensified to output pressure up to 12,000 psi. Operates off standard 1000-2000 psi hydraulic systems. Ideally suited for electric, telephone and other utility jobs. Some of features include:

- Weight 65 pounds
- Accepts most standard crimping and cutting heads
- Compact 18″ by 10″ size
- No "third-line" plumbing needed
- Simple one-hand operation
- Crimping or cutting head attachment is standard Parker ¼″ NPT male quick-connect coupler with screw lock.
- Maintains set high pressure regardless of fluctuation of input pressure.
- Optional 25′ 50′ and 75′ hose lengths and carrier case

Standard crimping head in use with IP10 Intensa-Press. Note one-hand operation of press.

Stanley Accessories Add Versatility To Your Stanley Hydraulic Tools



Accessories help you do things right with Stanley Hydraulic Tools. A wide range of accessories is available on immediate order.

3/8″ dual hydraulic hose
1/2″ dual hydraulic hose
3/8″ non-spill couplers
1/2″ non-spill couplers
Dust Plugs & Caps
Hydraulic flow controls
Hydraulic flow dividers
Jacobs chucks for impact wrenches
7/16″ hex augers for impact wrenches
5/8″ hex augers for impact wrenches
1/2″ square drive sockets
Circular saw blades (6″, 9″)
Saw chains & bars 12″, 15″, 18″, 24″, 30″, 36″, 43″
Masonry and metal cut-off wheels 12″, 14″
Chain saw guards
Chain saw holsters
Submersible pump adaptors (3″ x 2½″)
Fire hose 25′, 50′
Tamper shoes: round, square, rectangular, kidney
Ground rod driver
Impact tool lubricant
Spray paint
Pressure gauges
Service tools

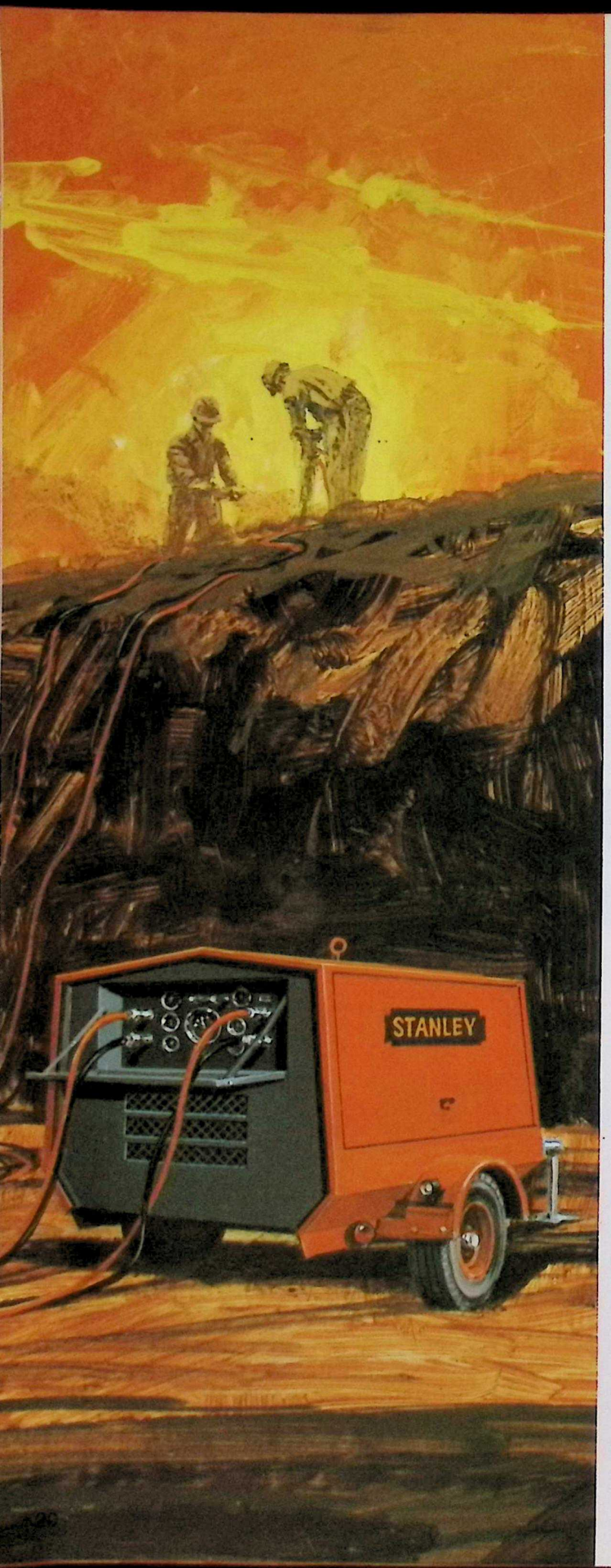
Some of the accessories available from Stanley Hydraulic Tools.

Yellow means "Underwater"... Complete line of Stanley Sealed Tools for Marine Use

The bright yellow paint says it. That's the distinctive color assigned by Stanley to designate the company's line of hydraulic powered sealed tools for underwater use. Completely sealed to keep water out, keep hydraulic fluid intact. Hydraulic power gives Stanley tools built-in advantages under water. No electric shock possible. Air exhaust is eliminated, keeping visibility high for operator. Hydraulic underwater tools are more powerful on the job than air powered tools, get jobs done faster, with less trouble, at greater depths. Tools for all types of jobs: cutting pilings, drilling, bolting, cleaning hulls, salvage work, pumping. Complete list of available tools at right.

Stanley hydraulic powered tools for underwater use:

CH18 Chipping Hammer
CO08 Cut-Off Wheel
CO23 Cut-Off Wheel
CO24 Cut-off Wheel
CS11 Chain Saw
GR24 Grinder
HD20 Hammer Drill
IW06 Impact Wrench
IW13 Impact Wrench
IW22 Impact Wrench
IW23 Impact Wrench
IW32 Impact Wrench
SM21 Submersible Pump
SM22 Submersible Pump
SM23 Submersible Pump



Power Unit Specifications

Model SP1-10-1500

Smallest, lightest, lowest cost of three mobile units. Single 10 gpm system, highly efficient, delivers up to 1750 psi. 30 gallon operating reservoir. Ideal for applications where one tool is needed, for lighter work. Excellent for operating pruner, saw, wrench, drill or for light breaking jobs. Lower cost than comparable air compressor units. Relief valve pre-set at 1700 psi. Powered by a Tecumseh-16 hp gas engine. Runs full 8 hours on one tank of gas. Available with skid or trailer mount. Optional air/oil heat exchanger available.

SP1-10-1500

System	Single open center circuit. Maximum pressure 1750 psi, flow rate governor adjustable from 4 to 10 gallons per minute.
Pump	One Webster gear pump direct mounted to engine.
Oil Control	Direct operating relief valve, manual diverter valve. Choice of oil warm up or cooling by selection of return tool hose port direct to filter or through oil cooler.
Filtration	Mesh suction strainer in tank. All return oil through 10 micron replaceable cartridge filter.
Line Size	¾ I.D. suction line, ⅝ tube pressure lines, ¾ cooler return lines.
Cooler	Oil cooled by Hayden 10618-S1 air-to-oil cooler on engine fan inlet.
Prime Mover	Tecumseh Model 170004 electric start, solid state ignition heavy duty overhead valve 16 horsepower engine, air cooled, with adjustable speed governor. Engine and pump are resilient mounted to isolate vibration.
Instruments	Tachometer, ammeter, hydraulic oil pressure, hydraulic tank sight gage. Operating instruction metal name plate.
Options	Trailer mount, skid mount.
Sound Level	(50 feet) 57 dbA at idle, 71 dbA at fast idle, 77 dbA at 10 gpm, 1500 psi.
Dimensions	30″ wide, 45″ long, 27″ high.
Weight	440 lbs. dry, 700 lbs. full.

Model SP2-10-2000

Twin 10 gpm systems for heavier work, added versatility. Operate 2 breakers, pumps or other tools from one power unit. Delivers up to 2000 psi maximum. Can be manifolded to connect two systems to provide a single 20 gpm system. Useful for heavier jobs, such as operating two high volume SM22 pumps. 34 gallon interconnected dual reservoir system. Air/oil heat exchanger standard. Gas or diesel models available. Manufactured with skid mount or trailer mount. Powerful system with high mobility.

SP2-10-2000

System	Two open center circuits, 2000 psi max. Flow rate governor adjustable 4 to 10 gal/min per circuit.
Pump	Tandem Webster gear pump direct mounted to engine.
Oil Control	Pilot operated relief valves, manual diverter valves and automatic thermal valves on each circuit. Oil automatically bypasses oil coolers until at the proper temperature, then routed to the coolers as required.
Filtration	Dual suction strainers and 10 micron return filters.
Line Size	¾ I.D. hose and ¾ hydraulic tubing throughout.
Cooler	Twin circuit Pace multiloop air-to-oil cooler mounted outboard of engine radiator. Extra high capacity puller fan.
Prime Mover	(Gas) Triumph 4-cylinder overhead valve emission controlled engine of 42 horsepower at 3000 rpm. Industrial adjustable speed engine governor. Engine and pumps resilient mounted to isolate vibration. (Diesel) Perkins 4.108 diesel 4 cylinder direct injection industrial engine, 39 horsepower at 2500 rpm, with adjustable governor injector. Engine and pumps are resilient mounted to isolate vibration
Instruments	Engine tachometer, engine oil pressure, engine coolant temperature, hour meter, ammeter, fuel gage, hydraulic tank sight gage, and oil pressure gages for each circuit. Operation instructions in control area.
Options	Trailer kit, bridge circuit kit to combine flow of both circuits for 11-20 gal/min, priority flow control kit for different flow rate on two circuits or very low flow rates, electric trailer brakes.
Sound Level	79 dbA at 50 ft. at top pressure and flow, all doors closed (gas powered).
Dimensions	76″ long, 50″ wide, 42″ high, trailer mounted 125″ long, 50″ wide, 58″ high.
Weight	Skid Mount—dry 1450 lbs., operational 1800 lbs. Trailer Mount—dry 1750 lbs., operational 2100 lbs.

Model SP2-14-2200

Giant workhorse of the Stanley mobile hydraulic power systems. Features twin 14 gpm systems for heaviest duty jobs. Ideal for operation of two BR85 pavement breakers or SM22 pumps. Can be manifolded to connect two systems, to provide a single 28 gpm circuit. Powerful enough to operate equipment such as hydraulic backhoes from a remote distance. Gas or diesel models available. Manufactured with skid mount or trailer mount. Surprisingly easy to move from location to location.

SP2-14-2200

System	Two open center circuits, 2200 psi max. Flow rate governor adjustable from 7 to 14 gal/min each circuit.
Pump	Tandem Commercial gear pumps direct mounted to engine.
Oil Control	Pilot operated relief valves, manual diverter valves, and automatic thermal valves on each circuit.
Filtration	Dual suction strainers and 10 micron return filters.
Line Size	¾ I.D. hose and ¾ hydraulic tubing throughout.
Cooler	Twin circuit Pace multi-loop air-to-oil cooler. Oil automatically bypasses cooler on return until up to proper temperature.
Prime Mover	(Gas) Perkins G4-203 industrial gasoline engine, 55 horsepower at 2000 rpm. Engine and pumps are resiliently mounted to isolate vibration. Industrial adjustable speed governor. (Diesel) Perkins D4-203 diesel engine direct drive to pumps and resiliently mounted to isolate vibration. Industrial adjustable governor injector.
Instruments	Engine tachometer, oil pressure, coolant temperature hour meter, and fuel gage, hydraulic tank sight gage and pressure gage for each circuit.
Options	Trailer kit, bridge circuit kit for up to 28 gal/min combined flow, electric trailer brakes.
Sound Level	84 dbA at 50 feet at top pressure and flow, all doors closed, (gas powered).
Dimensions	76″ long, 50″ wide, 42″ high, trailer mounted 125″ long, 69″ wide, 58″ high.
Weight	Skid Mount—dry 1750 lbs., operational 2100 lbs. Trailer Mount—dry 2050 lbs., operational 2400 lbs.

Tool Specifications

Tool	Model Number	Page	Weight (lbs.)	Weight (Kg)	Length (in.)/(cm.)	Width (in.)/(cm.)
Alternators	**AL 25**	17	56.5	26.2	17.25/ 43.8	6.5/16.5
	AL 30	17	65.0	29.5	18 / 45.7	7/17.8
Pavement Breakers	**BR 35**	6	35	16.0	28 / 71.0	14/35.0
	BR 65	7	70	32.0	30 / 76.0	16/40.0
	BR 85	7	85	38.0	29 / 74.0	16/40.0
Chipping Hammer	**CH 18**	8	24	10.9	20 / 50.8	3.0/ 7.62
Cut off Wheels	**CO 08**	13	16	7.0	26 / 64.0	6.5/16.5
	CO 23	13	19	8.6	20 / 51.0	12/30.5
	CO 24	13	11	5.0	14 / 35.0	9/22.8
Circular Saw	**CR 22**	15	Alum. 8 Epoxy 8	Alum. 3.6 Epoxy 3.6	81 /205.7	
Circular Saw	**CR 25**	15	5.0	2.5	60 /152.4	
Chain Saws	**CS 07**	14	8	3.6	15 / 38.0	9/23.0
	CS 11	15	14	6.0	17 / 43.0	9/23.0
	CS 23	15	Alum. 9 Epoxy 9	Alum. 4 Epoxy 4	74 /188.0	
Digger	**DR 19**	8	24	10.9	20 / 50.8	3/ 7.6
Driver	**RD35**	9	27	12.0	28 / 71.0	14/35.0
Grinder	**GR 24**	12	11	5.0	14 / 35.6	9/22.8
Hammer Drill	**HD 20**	9	28	12.7	21 / 53.3	5/12.7
Intensa-Press	**IP 10**	18	63	28.0	18 / 46.0	10/25.4
Impact Wrenches	**IW 04**	10	5	2.3	8 / 21.0	3.3/ 8.3
	IW 05	10	5	2.3	8 / 21.0	3.3/ 8.3
	IW 06	10	10	4.5	11 / 29.0	3.4/ 8.6
	IW 13	11	13	6.0	11 / 29.0	3.4/ 8.6
	IW 22	11	26	12.0	16 / 40.0	4/10.2
	IW 23	11	80	36.0	21 / 54.0	6.5/16.5
	IW 32	11	110	50.0	24 / 61	6.5/16.5
Pruners	**PR 25**	15	Alum. 9 Epoxy 10	Alum. 4.0 Epoxy 4.5	84 /213.4	
	PR 27	15	5-6	2.3-2.7	36, 48, 60″ 91.4, 121.9, 152.4	
	PR 28	15	Alum. 9 Epoxy 10	Alum. 4.0 Epoxy 4.5	84 /213.4	
Submersible Pumps	**SM 21**	16-17	20	9.1	16 / 40.6	6.25/15.9
	SM 22	16-17	30	13.6	13.5 / 34.6	11.75/29.8
	SM 23	16-17	22	10.9	11 / 27.9	11.75/29.8
Pole Tampers	**TA 520**	9	25	11.3	54, 66, 90 137, 167, 228	4/10.2
(Valve In Handle)	**TA 521**	9	25	11.3	60, 73, 97 152, 184, 247	4/10.2
Backfill Tamper	**TA 53**	9	25	11.3	60 /152	4/10.2
Ventilating Fan	**VF 75**	17	8	3.6	12.5 / 32	11.75/30
WEED EATER* Trimmer	**WE 22**	15	8	3.6	83 /212	

*WEED EATER is the registered trademark of Weed Eater, Inc.

Pressure (Psi)	Pressure (Kg/cm²)	Flow Range (gpm)	Flow Range (Lpm)	Optimum Flow (Gpm)/(Lpm)	Porting	Hyrevz Motor
1000-2000	70-140	7-10	26-34	8/30.0	½	03000
1000-2000	70-140	11-13	41-49	12/45.0	½	03005
1000-2000	70-140	5-6	19-23	6/23.0	⅜	
1000-2000	70-140	7-9	26-34	8/30.0	½	
1000-2000	70-140	7-9	26-34	8/30.0	½	
1500-2000	105-140	5-7	19-26	6/23.0	⅜	
1000-2000	70-140	7-9	26-34	8/30.0	⅜	02978
1000-2000	70-140	7-9	26-34	9/34.0	½	03046
1000-2000	70-140	7-9	26-34	9/34.0	⅜	02997
1000-2000	70-140	5-7	19-26	7/26.5	⅜	02973
1000-2000	70-140	3-5	11-19	5/18.9	⅜	02964
1000-2000	70-140	10-14	38-53	8/30.4	⅜	02978
1000-2000	70-140	7-9	26-34	14/53.0	½	03045
1000-2000	70-140	7-9	26-34	8/30.4	⅜	02978
1500-2000	105-140	5-7	19-26	6/23.0	⅜	
1000-2000	70-140	5-6	19-23	6/23.0	⅜	
1000-2000	70-140	7-9	26-34	9/34.0	⅜	02990
1500-2000	105-140	5-7	19-26	6/23.0	⅜	
1000-2000	70-140	3-9	11-34	OPTIMUM PRESSURE 1200 Psi/84 kg/cm²	⅜	02960
1000-2000	70-140	3-4	11-15	4/14.0	⅜	02960
1000-2000	70-140	7-9	26-34	7/26.5	⅜	02965
1000-2000	70-140	3-5	11-19	5/19.0	⅜	02966
1000-2000	70-140	3-5	11-19	5/19.0	⅜	02968
1000-2000	70-140	7-9	26-34	8/30.0	⅜	02989
1300-2000	91-140	10-16	38-60	16/60.0	½	03003
1500-2000	105-140	10-16	38-60	16/60.0	½	03003
1000-2000	70-140	3-9	11-34		⅜	
1000-2000	70-140	3-5	11-19		⅜	
1000-2000	70-140	3-9	11-34		⅜	
1000-2000	70-140	7-9	26-34		⅜	
1000-2000	70-140	4-12	15-45		½	03001
1000-2000	70-140	4-15	15-56		½	
1000-2000	70-140	3-9	11-34	8/30.0	⅜	
1000-2000	70-140	3-9	11-34	8/30.0	⅜	
1000-2000	70-140	3-9	11-34	8/30.0	⅜	
1000-2000	70-140	6-12	23-45	10/38.0	⅜	02962
1000-2000	70-140	7-9	26-34	10/38.0	⅜	03037

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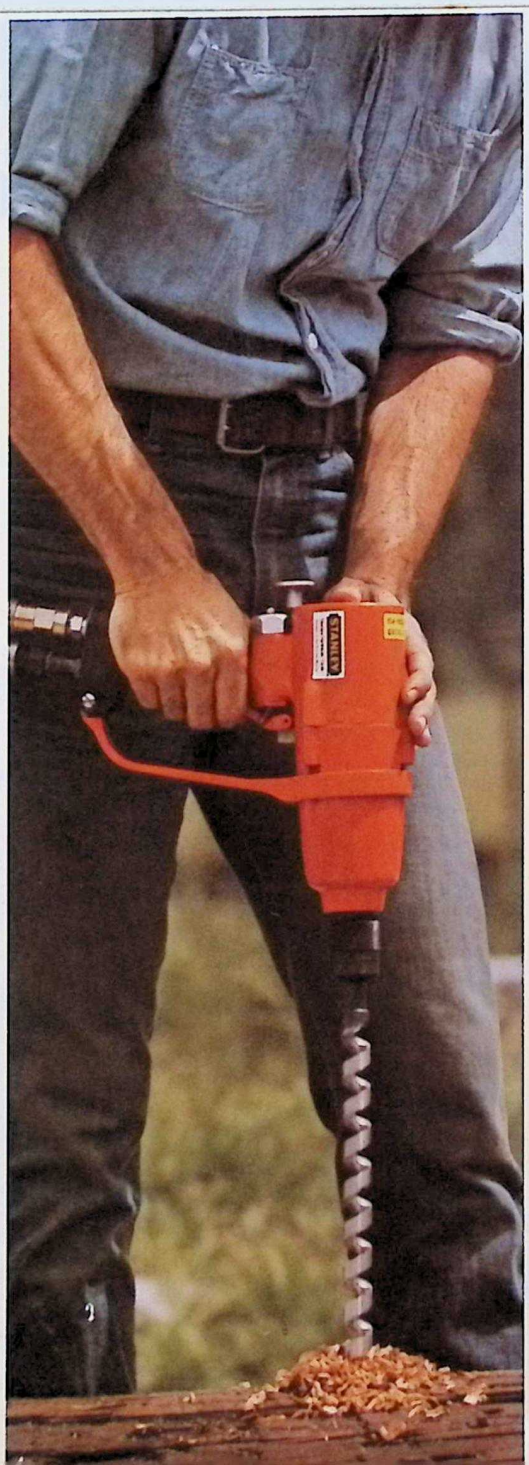
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